

Virtual Security Appliance

Security clients — anytime, anywhere, any device

UP TO
50%
LESS BANDWIDTH

CENTRALIZED
CLIENT MANAGEMENT

UP TO 65
1080P, 30FPS VIDEO STREAMS

MOBILE
ACCESS

INTEGRATED
SECURITY SYSTEMS

COMPATIBILITY
WITH ANY CLIENT



Consolidate security workstations including video and integrated systems from any manufacturer.

The Pivot3 Virtual Security Appliance delivers fully functional security client applications to any device, anytime, anywhere, regardless of system manufacturer. Overcome the limitations of manufacturer-specific mobile apps and reduce the need to invest in expensive, graphics-enabled client workstations. **Reduce costs** and **mitigate risk** by mobilizing your entire security suite. The flexibility of permissions-based distributed security data enables new operational models for surveillance.



YOUR SOC ANYWHERE

Deliver real time, fully functional security systems to any device, enabling better situational awareness, faster response and risk mitigation.

Purpose-Built for Video Surveillance

Deliver client desktop access with up to 65 simultaneous HD (1080P), 30fps video streams to up to 10 viewing stations from a single appliance, and even more at lower resolutions and frame rates. All intensive compute and rendering operations are handled by the appliance, eliminating that burden from the client viewing stations. A highly efficient protocol transmits all desktop and video graphics over LAN and WAN connections, reducing bandwidth by up to 50% compared to native VMS mobile apps and client software..

Built-in Data Security

Video data remains stored in a Pivot3 Virtual SAN or existing video storage location. Pivot3 delivers only the desktop image to the client viewing station using a secure protocol; video and related data remain securely in the data center, and stateless clients do not store any data locally. This eliminates the risk of compromise or unauthorized download and distribution of sensitive data.

Enhanced Video Stream Performance

Standard VMS mobile apps sacrifice substantial functionality, typically limiting access to only a few video streams from a single VMS, and without any integrated systems such as access control. Users must be inside the SOC or in front of a dedicated workstation to access the full functionality of the system. Pivot3 delivers **fully functional** client desktops to any mobile or other client device, including multiple manufacturers and integrated systems.

Reduce Costs and Complexity

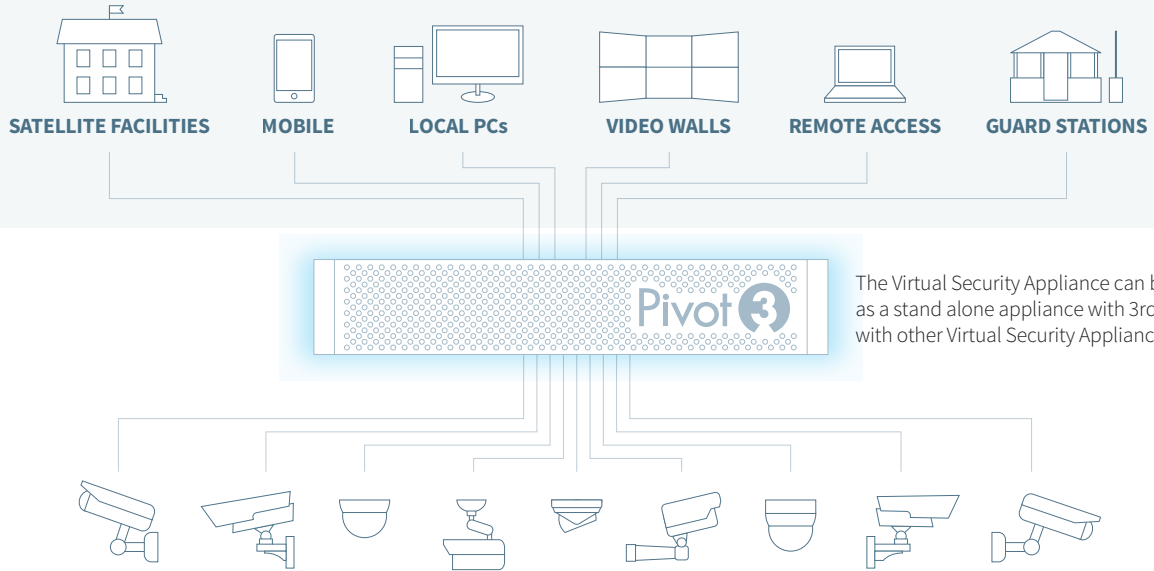
Capitalize on the substantial financial benefits of virtual desktop infrastructure (VDI), by reducing capital costs with flexible, secure thin clients and zero clients instead of expensive, graphics-enabled workstations. Reduce operating expenses and complexity by managing all client viewing stations from a single location with a single software image.

Securely distribute fully functional video and integrated system clients to a variety of client endpoints

Secure, fully functional client access from any device reduces the need for costly graphics-enabled workstations.

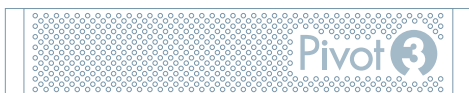
All viewing stations can be consolidated into one appliance; no separate workstations.

Uniform permissions-based security protocol for all viewing stations, local or remote.



The Virtual Security Appliance can be deployed as a stand alone appliance with 3rd party systems, with other Virtual Security Appliances in a vPG.

Virtual Security Appliance Specifications



Type Virtual Security Appliance	Software Defined SAN Yes
Form Factor 2U	GPU 1-2x NVIDIA Tesla M10 or 1-2x NVIDIA Tesla M60
Max Appliances per vPG* 16	PCoIP Offload 1x Teradici Apex 2800 LP
Max Storage per vPG 60.8TB	CPU 2x 20 Core Intel 6138
Server Virtualization VMware ESXi	RAM 384, 768, 1536GB
Virtual Clients VMware Horizon	Networking 6x 10GbE (RJ45 or SFP+)

* A Virtual Performance Group (vPG) is a logical, scale-out construct that includes both virtualized servers and storage.

For more information, visit Pivot3.com